VEVOR®

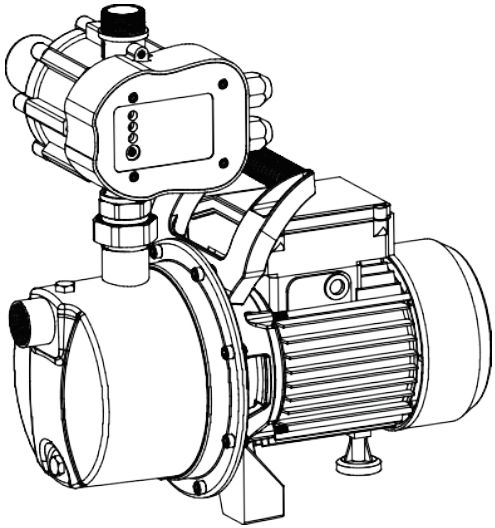
GARDEN JET PUMP

INSTRUCTION MANUAL

VEVOR®

GARDEN JET PUMP

Model: XKJ-1104SE



WARNING: Read carefully and understand all ASSEMBLYAND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

CustomerService@vevor.com

This is the original instructions, please read all manual instructions carefully before operating. VEVOR reserves clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there is any technology or software updates on our product.

TECHNICAL SPECIFICATIONS

Model: XKJ-1104SE

Property	Specifications
Voltage	110V-120V~, 60Hz
Amps	10A
Max. Head (ft.)	164 ft.
Max. Flow (GPH)	1200
Discharge Size (in.)	1 in.

PERFORMANCE

Model	GPH of water @ Total Ft. Head				Max. Head
	0 ft.	50 ft.	100 ft.	150 ft.	
XKJ-1104SE	1200	1000	580	160	164 ft

WARNING! Pump will boost water pressure 70 PSI more than the inlet pressure. Check local codes and appliances for maximum water pressure allowed. Install a pressure regulator on outlet, high water pressure can damage plumbing and appliances.

⚠ SAFETY INFORMATION

The pump can be connected to any shock-proof plug which has been installed according to regulations. The plug must have a supply voltage of 120 VAC at 60 Hz.

CAUTION:

This pump has been evaluated for running with water only.

IMPORTANT! For your own safety, please have the following items checked by an expert before starting to run the pump:

1. Risk of electric shock - This pump is supplied with a grounding conductor and a grounding-type attachment plug. To reduce the risk of electric shock, connect only to a grounding-type receptacle that is properly grounded.

2. Risk of electric shock - This pump has not been investigated for use at swimming pool areas. 3.The electrical connections must be protected from moisture.
4. If there is danger of flooding, the electrical connections must be taken to higher ground.
5. Circulation of caustic fluids, as well as the circulation of abrasive materials must be avoided at all costs.
6. The pump must be protected from frost.
7. The pump must be protected from dry running.
8. Access by children should also be prevented with appropriate measures.
9. Pressure hazard and risk of explosion. Do not run when the inlet or the outlet is closed.
10. Risk of leakage and flooding - Do not use with inlet pressure above 50 PSI.
11. Pump will boost water pressure 70 PSI more than the inlet pressure. Check local codes and appliances for maximum water pressure all owed. Install a pressure regulator on outlet, high water pressure can damage plumbing and appliances.
12. Install only on a circuit protected by a Ground-Fault Circuit-Interrupter (GFCI).
13. When connecting the inlet and outlet pipes to the pump, use thread tape (not included) to securely fasten pipes in place.
14. Place the pump on a flat level surface before use.
15. Prior to use and periodically thereafter, check to make sure all connections are tight and secure.
16. Do not use the pump at swimming pools or in marine areas.
17. Do not use extension cords onto this pump.
18. Do not operate the pump on earth, clay or sand surfaces.
19. Do not allow the motor to get wet.
20. Wear non-skid rubber boots when there is any water on the floor.

⚠ INSTALLATION INSTRUCTIONS

Attaching Handle

Attach Handle using washers (31) and Nuts (30).

Attaching Pump Controller

NOTICE: Tighten all connections securely, but be careful not to crack the Pump Controller inlet or outlet, they will crack if over tightened.

The pump comes with a pre-installed: Female Fitting on the Water Outlet.

1. Place O-Ring (45) on the Female Fitting.

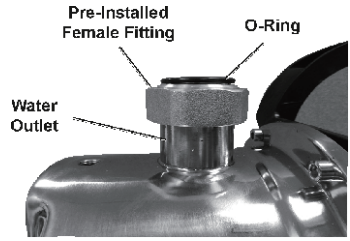


Figure A

2. Turn the Pump Controller upside down and use head tape to the water inlet.
3. Thread Male Fitting onto the water inlet.

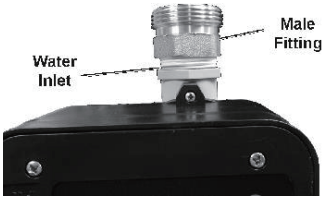


Figure B

4. Place Rubber Gasket (47) inside the Male Fitting.

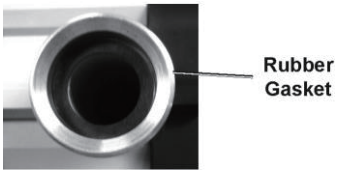


Figure C

5. Turn The Pressure Controller right side up and place Male Fitting on Female Fitting.
6. Pull up on Nut and, meanwhile turn the Nut to the right to secure fittings.

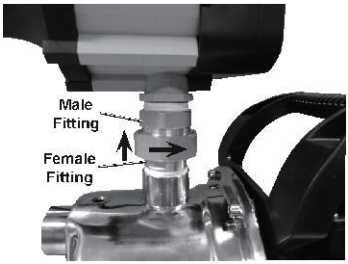
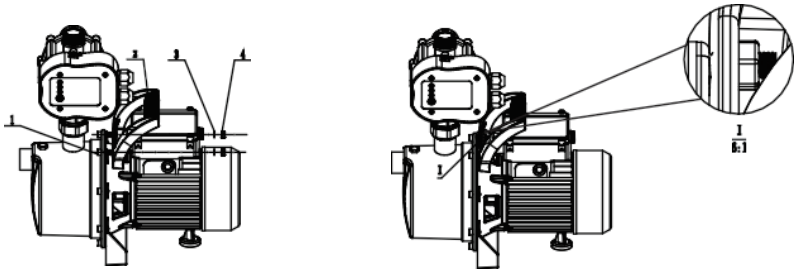


Figure D

⚠ INSTALLATION INSTRUCTIONS

WARNING
TO PREVENT SERIOUS INJURY AND ELECTROCUTION:
Do not allow the Pump to get wet.
Consult all local plumbing code requirements before installation.
Pump will boost water pressure 70 PSI more than the inlet pressure. Check local codes and appliances for maximum water pressure allowed. Install a pressure regulator on outlet, high water pressure can damage plumbing and appliances.

The handle installation
Let screws through the handle, then add the gaskets and tighten them.



Power Supply
1. The Pump is equipped with a shock-proof plug according to regulations. The Pump is designed to be connected to 120VAC60 Hz safety socket.

2. Make sure that the socket is absolutely secured and is in excellent condition.

3. The Pump will be on standby When the plug is inserted into the socket.

WARNING: Do not use the pump if the power cord or the plug is damaged. The power cord or the plug may only be repaired by a certified electrician.

Closed System Installation
Note: Pump must be installed in a stationary position with a fixed pipeline.
1. When planning Pump location:
   a. Select a clean, level, dry location indoors close to the main water supply with a 120V GFCI protected outlet nearby.
   b. Put the pump on the position where the indicator panel is visible and the power switch is accessible.

2. Close the main water supply.

3. Drain system by opening a spigot. Close spigot when water has stopped flowing.

4. Isolate the pump by bypassing main water supply. Incorporate the following items (sold separately) into the plumbing: See Figure E.
   a. check valve on inlet.
   b. in-line shutoff ball valves
   c. unions on inlet and outlet
   d. pressure regulator on outlet (important to prevent appliance damage from over pressurizing).
   e. pressure gauge on outlet.
   f. pressure tank with relief valve downstream.

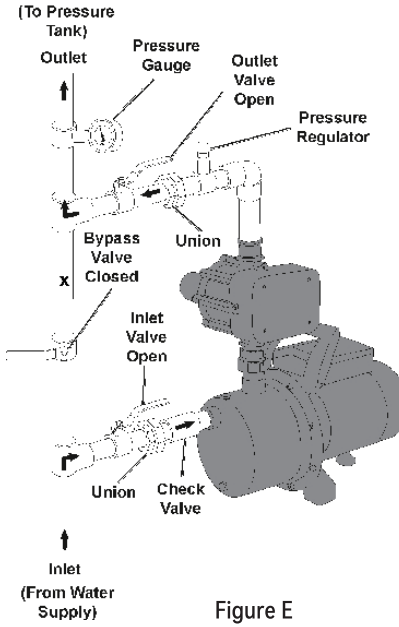


Figure E

⚠ OPERATION INSTRUCTIONS

Read the ENTIRE SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

After reading these instructions, Consider the following points before starting the Pump:

1.Verify that Pump rests on the floor.

2.Verify that all pipes are properly connected.

3.Verify that the electrical connection is 120VAC, 60Hz.

4.Verify that the electrical socket is in good condition.

5.Verify that water and moisture cannot get near to the power supply socket.

6.Verify that the Pump is installed so as to prevent dry running.

Initial Setup

WARNING! Dry your hands before plugging in or unplugging Pump. NOTICE: Pump will boost water pressure 70 PSI more than inlet pressure.

Note: Pump runs when the water flow is detected. Pump stops 10 seconds after water flow stops.

1. Close Bypass Valve. See "Figure E" on page 7.
2. Open Inlet and Outlet Valves. See "Figure E" on page 7.
3. Open the main water supply slowly and check for leakage. If leaks are present follow directions in Step 9.
4. Open a spigot and let water flow for one minute to prime Pump. Leave spigot open.
5. Turn Power Switch OFF (O), then plug in Pump.
6. Power indicator will light, indicating that voltage is present.
7. Turn Power Switch ON (I).
   a. Pump On indicator will light when Pump is running properly.
   b. Pump Dry indicator will light if no water is coming into pump and the Pump will shut off if this happens, verify that water is entering the Pump, then press restart button. If pump shuts off again:
   -Close spigot.
   -Turn Power Switch OFF (O), then unplug Pump.
   -If necessary, close the main water supply and drain system.
   -Correct water supply.
   -Open main water supply, open spigot and let water flow for one minute to prime pump. Leave spigot open.
   -Plug in Pump.
   -Turn Power Switch ON (I).

Figure F:Indicator Lights

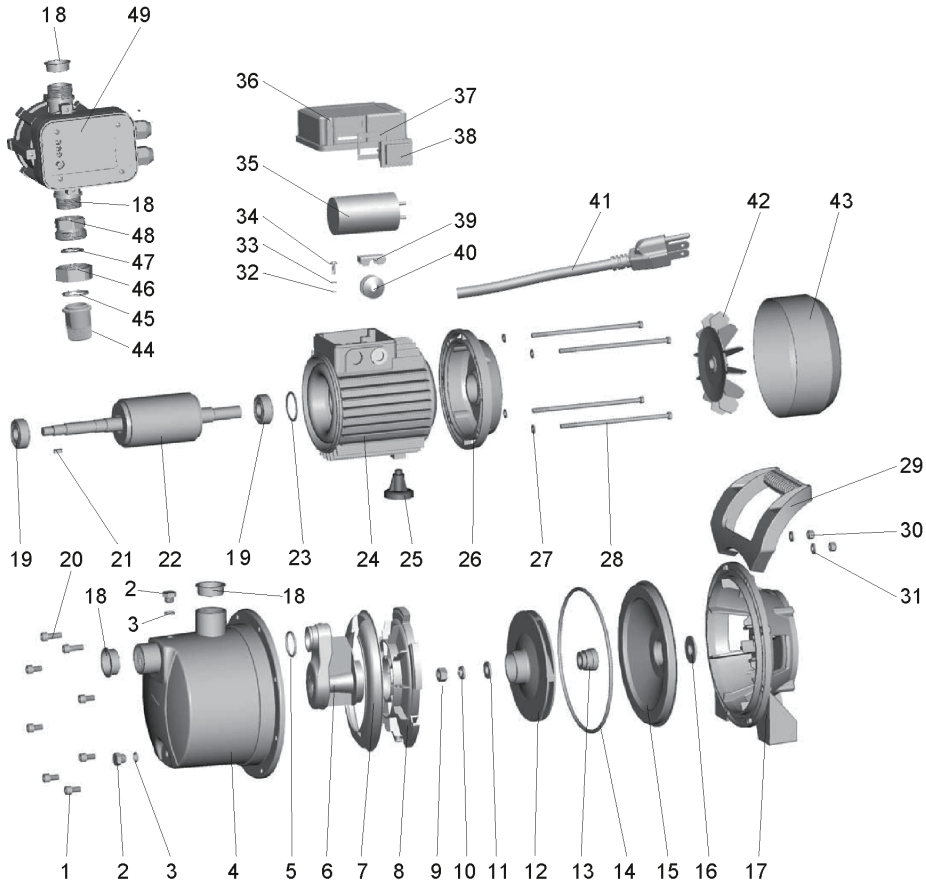
8. When Pump is running properly, close spigot, check water pressure gauge and adjust pressure regulator to achieve proper pressure.
9. Inspect entire plumbing system and appliances for leaks. If any leaks are present.
   a. Turn Power Switch OFF (O),then unplug Pump.
   b. If necessary close main water supply and drain system.
   c. Repair leaks.
   d. Open the main water supply, open spigot and let water flow for one minute to prime Pump. Leave spigot open.
   e. Plug in Pump.
   f. Turn Power Switch ON (I)
   g. Close spigot.

TROUBLESHOOTING

Problem	Possible Cause	Corrective Action
Motor stops running.	1. Pump overheated. 2. Fuse is blown or circuit breaker is tripped. 3. Voltage is too low 4. Impeller not moving freely.	1. Wait for pump to cool off before restart the pump. MAKE SURE YOU DO NOT HAVE A DRIPPING FAUCET OR SLOW LEAK, this will cause the pump to run continuously and overheat. 2. Disconnect power and replace fuse or reset circuit breaker. 3. Check voltage being supplied to pump. 4. Have qualified technician service pump.
Motor runs but no water is being delivered	1. Pipes are frozen. 2. Improper priming. 3. Inlet/Outlet valve closed. 4. Pump is damaged/clogged 5. Bypass valve open	1. Thaw pipes. 2. Re-prime according to instructions. 3. Open valve 4. Have qualified technician service pump 5. Close bypass valve.
Pump vibrates and/or is noisy	Impeller damaged, worn motor, or bearings foreign object in pump.	Have qualified technician service pump

Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

PARTS DIAGRAM



PARTS LIST

Part No.	Description	Quantity
1	Hex Screw	6
2	Fill/Drain Plug	2
3	O-Ring	2
4	Pump Body	1
5	O-Ring	1
6	Venturi Tube	1
7	Baffle	1
8	Diffuser	1
9	Hex Nut	1
10	Spring Washer	1
11	Washer	1
12	Impeller	1
13	Mechanical Seal	1
14	O-Ring	1
15	Pump Support Cover	1
16	Water Proof Ring	1
17	Pump Support	1
18	Shipping Plug	1
19	Ball Bearing	2
20	Hex Screw	2
21	Shaft Key	1
22	Rotor	1
23	Wave Spring	1
24	Motor Stator	1
25	Support	2

Part No.	Description	Quantity
26	End Plate	1
27	Washer	4
28	Hex Screw	4
29	Handle	1
30	Hex Nut	2
31	Washer	2
32	Fixing Washer	1
33	Spring Washer	1
34	Mechanical Bolt	1
35	Capacitor	1
36	Terminal Box	1
37	Sealing Washer For Switch	1
38	Switch	1
39	Power Cord Clip	1
40	Power Cord Holder	1
41	Power Cord	1
42	Impeller	1
43	Impeller Cover	1
44	Male Fitting	1
45	O-Ring	1
46	Nut	1
47	Rubber Gasket	1
48	Female Fitting	1
49	Pump Controller	1

E-mail: CustomerService@vevor.com
Manufacturer: Leo Group Pump(Zhejiang) Co., Ltd.
Add: NO.1, 3rd Street, East Industry Center, Wenling 317500 Zhejiang P.R. China.

Made in China

VEVOR®

E-mail: CustomerService@vevor.com